

CLAIMS

1. Installation for water treatment by flotation comprising flotation equipment consisting of a flotation cell (10) into which is introduced flocculated raw water mixed with microbubbles produced by a pressurization-pressure release system (11), this cell being equipped with a perforated uptake device (13) designed such that the surface of the flotation cell is crossed by an identical and uniform flow of the water to be treated, this installation being characterized in that it comprises capture modules (14, 15) arranged in the flotation cell such that their lower part is located at a distance (h) from the perforated uptake device (13), this distance being determined so as to avoid any disturbance of the uniform distribution established by the perforated uptake device.
- 20 2. Installation according to Claim 1, characterized in that the distance (h) separating the surface of the uptake device (13) from the lower part of the capture modules (14, 15) depends in particular on the geometry of the flotation device, on the rate of through-flow and on the temperature of the water to be treated.
- 25 3. Installation according to either of Claims 1 and 2, characterized in that the distance (h) separating the surface of the uptake device (13) from the lower part of the capture modules (14, 15) is between 0.05 metre and 1 metre, preferably between 0.15 and 0.60 metre.
- 30 35 4. Installation according to any one of the preceding claims, characterized in that the height or thickness (E) of the capture modules (14, 15) is